

WHAT IS CLAIMED IS:

*Add C17*  
*Bladed projections*  
1. A block splitter assembly comprising first and second opposed splitting blade assemblies, each of said first and second splitting blade assemblies comprising respective first and second splitting blades each having a cutting edge, and a plurality of projections positioned adjacent to each of said cutting edges of said first and second blades.

2. The assembly of claim 1, wherein said plurality of projections has a rounded shape.

3. The assembly of claim 1, wherein said plurality of projections has a pyramidal shape.

4. The assembly of claim 1, wherein each of said projections comprises a top surface.

5. The assembly of claim 4, wherein at least one of said projections has a top surface comprising at least one point.

6. The assembly of claim 1, wherein said projections have a height which extends beyond said first splitting blade.

7. The assembly of claim 1, wherein said second blade has a height which extends beyond said projections.

8. The assembly of claim 6, wherein said one or more projections extend about 1/8 to 3/8 of an inch beyond said first blade.

9. The assembly of claim 7, wherein said second blade extends about 1/16 to 1/8 of an inch beyond said one or more projections.

10. The assembly of claim 1, wherein each of said splitting blades comprise a central portion having said cutting edge, and two surfaces on opposite sides of said central portion having said plurality of projections.

11. The assembly of claim 10, wherein said projections are adjustable relative to a height of said blades.

12. The assembly of claim 11, wherein said projections have threads that engage corresponding threads in said blade assembly.

13. The assembly of claim 11, wherein said projections have a jagged top surface.

14. The assembly of claim 10, wherein said surfaces of at least one of said splitting blades extend at an angle from said central portion, and said projections extend generally perpendicularly from said surfaces.

15. The assembly of claim 14, wherein said angle is between 0° and 30° relative to horizontal.

16. A block splitter comprising first and second opposed splitting blade assemblies, each of said first and second opposed splitting blade assemblies comprising a plurality of projections.

17. The splitter of claim 16, wherein said first blade assembly comprises a first splitting blade having a cutting edge and a plurality of projections on each side of said cutting edge.

18. The splitter of claim 16, wherein said second blade assembly comprises a second splitting blade having a cutting edge and a plurality of projections on each side of said cutting edge.

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19. The splitter of claim 16, wherein said projections have a rounded shape.
  20. The splitter of claim 16, wherein said projections have a pyramidal shape.
  21. The splitter of claim 16, wherein each of said projections comprise a top surface.
  22. The splitter of claim 21, wherein at least one of said projections has a top surface comprising at least one point.
  23. The splitter of claim 17, wherein said projections have a height which extends above said first splitting blade.
  24. The splitter of claim 18, wherein said second blade has a height which extends above said projections.
  25. The splitter of claim 23, wherein said projection height extends about  $\frac{1}{8}$  to  $\frac{3}{8}$  of an inch beyond said first blade.
  26. The splitter of claim 24, wherein said second blade height extends about  $\frac{1}{16}$  to  $\frac{1}{8}$  of an inch beyond said projections.
  27. The splitter of claim 16, wherein each of said splitting blade assemblies comprise a central portion having a cutting edge, and two surfaces on opposite sides of said central portion having said plurality of projections.
  28. The splitter of claim 27, wherein said projections are adjustable relative to a remainder of said blade assemblies.
  29. The splitter of claim 28, wherein said projections have threads that engage corresponding threads in said blade assembly.

30. The splitter of claim 28, wherein said projections have a jagged top surface.

31. The splitter of claim 27, wherein said surfaces of at least one of said splitting blades extend at an angle from said central portion, and said projections extend generally perpendicularly from said surfaces.

32. The splitter of claim 31, wherein said angle is between 0° and 30° relative to horizontal.

33. A masonry block splitter comprising first and second opposed splitting blade assemblies, said first blade assembly comprising a first splitting blade having a cutting edge with first and second sides, said first blade assembly comprising a plurality of projections adjacent said first cutting edge first side and a plurality of projections adjacent said first cutting edge second side, said second blade assembly comprising a second splitting blade having a cutting edge with first and second sides, said second blade assembly comprising a plurality of projections adjacent said second cutting edge first side and a plurality of projections adjacent said second cutting edge second side.

34. The splitter of claim 33, wherein said first blade has a length and the plurality of projections adjacent said first cutting edge first side are aligned with the plurality of projections adjacent said first cutting edge second side along the length of said first blade.

35. The splitter of claim 33, wherein said second blade has a length and the plurality of projections on said second cutting edge first and second sides are aligned along the length of said second blade.

36. The splitter of claim 33, wherein said projections have a rounded shape.

37. The splitter of claim 33, wherein said projections have a pyramidal shape.

38. The splitter of claim 33, wherein each of said projections comprises a top surface.

39. The splitter of claim 38, wherein at least one of said projections has a top surface which is pointed.

40. The splitter of claim 33, wherein said first blade assembly projections have a height which extends above said first splitting blade.

41. The splitter of claim 33, wherein said second blade has a height which extends beyond said second blade assembly projections.

42. The splitter of claim 40, wherein said projection height extends about 1/8 to 3/8 of an inch beyond said first blade.

43. The assembly of claim 41, wherein said second blade height extends about 1/16 to 1/8 of an inch beyond said second blade assembly projections.

44. The splitter of claim 33, wherein each of said splitting blades comprise a central portion having said cutting edge, and two surfaces on opposite sides of said central portion having said plurality of projections. *with*

45. The splitter of claim 44, wherein said projections are adjustable relative to a height of said blades.

46. The splitter of claim 45, wherein said projections have threads that engage corresponding threads in said blade assembly.

47. The splitter of claim 45, wherein said projections have a jagged top surface.

48. The splitter of claim 44, wherein said surfaces of at least one of said splitting blades extend at an angle from said central portion, and said projections extend generally perpendicularly from said surfaces.

49. The splitter of claim 48, wherein said angle is between 0° and 30° relative to horizontal.

50. A method of splitting masonry block using a masonry block splitter, comprising first and second opposed splitting blade assemblies, said first blade assembly comprising a first splitting blade having a cutting edge with first and second sides, said first blade assembly comprising a plurality of projections adjacent said first cutting edge first side and a plurality of projections adjacent said first cutting edge second side, said second blade assembly comprising a second splitting blade having a cutting edge with first and second sides, said second blade assembly comprising a plurality of projections adjacent said second cutting edge first side and a plurality of projections adjacent said second cutting edge second side, said method comprising the step of:

(a) striking the masonry block with said first and second opposed splitting blade assemblies.

51. The method of claim 50, wherein said first splitting blade assembly travels about 1/2 to 1 inch into the block.

52. The method of claim 50, wherein said second splitting blade assembly travels about 1/2 to 1 inch into the block.

53. The method of claim 50, wherein said second splitting blade strikes the top of the block.

54. The method of claim 50, wherein said first splitting blade strikes the bottom of the block.

55. A block resulting from the method of claim 50.

56. A block resulting from the method of claim 51.

57. A block resulting from the method of claim 52.
58. A retaining wall comprising more than one block of claim 55.
59. A retaining wall comprising more than one block of claim 56.
60. A retaining wall comprising more than one block of claim 57.
61. The method of claim 50, wherein said projections are positioned so that they strike the masonry block at corners of the blocks resulting therefrom.

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